MATERIAL NAME:
ODR&FOG™ Lift Station Treatment

ODR&FOG™

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: **ODR&FOG™Lift Station & Industrial, Septic.**
SDS: 19220-02
Product Code: 19220-02
Recommended Use: H2S, Odor, VOCs + FOG (Remover)

Kationx™ Wastewater Solutions that Work

Emergency Contact
Kationx™ Corporation
Phone: 321-917-0722
Manufactured By:
Kationx™ Corporation
870 N. Miramar Ave. Ste. 228
Indialantic, FL 32903

2. Hazards IDENTIFICATION

	HMIS	NFPA
REACTIVITY	0	0
HEALTH	1	1
FIRE HAZARD	1	1
PPE	E	

RESPIRATORY HAZARD
DO NOT BREATH DUST

FALL HAZARD
SLIPPERY WHEN WET

3. COMPOSITION

	CAS#	EINECS	WEIGHT%	CLASSIFICATION
Alumno-Silicate Blend	Proprietary	Proprietary	80 to 90	Not Classified
Quartz - Crystalline Silica	14808-60-7	238-878-4	10 to 15	
Carbon	744-44-0	231-153-3	2 to 6	
Titanium Dioxide	13463-67-7	136-675-5	1 to 5	Carc 2-H351
Water	7732-18-5	215-185-5	1 to 3	Not Classified

4. FIRST-AID MEASURES

Eye Contact: Flush immediately with plenty of water for 15 minutes. If irritation persist, get medical attention.

Inhalation: If breathing is difficult, move to area with fresh air and assume a comfortable resting position. Use artificial respiration and get medical attention if required.

Skin Contact: Flush immediately with water. If irritation develops, get medical attention.

Ingestion: If swallowed, give a cupful of water or milk. Never induce vomiting. If a person is unconscious, never induce vomiting or make them drink.

Symptons Immediate: Skin irritation. Eye irritation. Respiratory tract irritation.

Sympton Delayed: Gastrointestinal effects. Respiratory tract irritation.

5. FIREFIGHTING MEASURES

Extinguishing Media : Non-flammable/Non-combustioner/Non-explosive.

Specific Hazards: N/A

Unusual Hazards: N/A

Specific Methods: No special methods required

6. ACCIDENTAL RELEASE MEASURES

Avoid breathing dust. Avoid contact with eyes. Beware of slip hazard on wet surfaces. May be collected and disposed of without special measures.

7. HANDLING & STORAGE

FOR COMMERCIAL AND INDUSTRIAL USE ONLY. Avoid contact with eyes and lungs. Avoid dust accumulation in storage.

Store in dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures to Reduce Exposure:	Ventilate and filter enclosed rooms and spaces to remove dust hazard.
Respiratory Protection:	Wear dust mask to avoid inhalation
Eye Protection:	Wear side-shield safety glasses or chemically resistant goggles.
Hand Protection:	No special requirement under normal use conditions. Gloves recommended.
Hygiene Measures:	Handles in acccordance with good industrial hygiene and safety practices.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical State/Appearance	Solid (powder)- Light Grey to Brown	Auto-Ignition Temperature	N/A Does not ignite.
Dilution pH:	6 to 8	Odor/Taste	Diatomaceous
Specific Gravity:	2.6 (Water=1)	Polymerization	None
Melting Point/Range:	>1500C	Corrosiveness	Non-Corrosive in presence of glass.
Molecular Weight:	285.2 g/mole	Vapor Density	N/A
Density:	8.45 lbs/gal.	Flash Point	N/A
Boiling Point/Range:	N/A	Solubility	Insoluble in cold or hot water solvents, alcohols.
Decomposition Temp:	Loses cyrstalline water at 500 (930F)	Partition Coefficient (n-octanol/water)	N/A
VOC:	N/A	Viscosity	N/A

10. STABILITY AND REACTIVITY

Product Stability:	This product maintains the neutral pH of 7.
Hazardous Information:	See Section 2.
Hazardous Decomposition Products:	When exposed to high temperatures, free quartz can change crystal structure to form tridymite(>870C) or cristobalite (>470C) that have greater health hazards than quartz.
Tidymite and Cristobalite (TWA-TLV):	0.025 mg/m3

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	N/A
Component Information:	See Section 3.
Chronic Human Toxicity:	Prolonged exposure may affect the respiratory system.
Toxicity to Animals:	Quartz - Crystalline Silica - Oral LD50 Rat 500 mg/kg. Titanium dioxide: Oral LD50 > 10000 mg/kg, Water: Oral LD50 Rat >90 mL/kg.
Carcinogenic Effects:	Proprietary Al-Si Blend: ACGIH: A4 - Not Classifiable as a Human Carcinogen. Carcinogen; IARC: Group 1 - Carcinogenic to humans. Carbon - CAS 744-44-0 - ACGIH: A4 - Not Classifiable as a Human Carcinogen. Titanium dioxide - CAS No 13463-67-7: ACGIH: A4 - Not Classifiable as a Human Carcinogen; IARC: Group 2B - Possibly carcinogenic to humans.
Mutagenic Effects:	N/A
Target Organ Effects:	May cause damage to respiratory system and gastrointestinal tract through prolonged exposure.

12. ECOLOGICAL INFORMATION

Biodegradation: The product itself is not toxic.

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: Dispose according to all applicable federal, state, and local laws and regulations.

14. TRANSPORATION INFORMATION

No restrictions regarding transportation of this product.

15. REGULATORY INFORMATION

SARA Title III Section 302 Extremely Hazardous Substances: This product does not contain extremely hazardous material subject to reporting requirements of Section 302, Title III, Superfund Amendments and Reauthorization Act.

SARA Title III Section 311 and 312 Health and Physical Hazard Categories per 40 CFR 370.2: Immediate - Yes; Delayed - Yes; Fire - No; Pressure - No; Reactivity - No.

SARA Section 313 Notifications: This product does not contain toxic chemicals subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TSCA: Product is listed in Initial Inventory, Vol. 1, Appendix A.

CERCLA: Not a CERCLA listed hazardous substance.

California Proposition 65: WARNING - This product may contain extremely small amounts of one or more naturally occuring material known to State of California to cause cancer, birth defects or other reproductive harm.

PA Special Hazardous Substance List: Regulated under PA Code Chapter 323.

Stockholm Convention: This product is not subject to the Stockholm Convention.

Montreal Protocol: This product is not subject to the Montreal Protocol..

Rotterdam Convention: This product is not subject to the Rotterdam Convention.

National Inventories:
DSL (Canada): Listed.
NDSL (Canada): Not Listed.
PICCS (Philippines): Listed
KECI (Korea): Listed
ENCS (MITI) (Japan): Listed
AICS (Australia): Listed
IECSC (China): Listed
EINECS (Europe): Listed

REAQH Status: Exempt (Annex v.7). Product is a naturall occuring mineral.

16. OTHER INFORMATION

Notice to reader: This document has been prepared using data from sources considered technically reliablle. It does not constitue a warranty, express, or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.
More information available at www.**Kat**ion**x**.com.

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